

Amendments to the Claims

Please cancel Claims 2, 4, and 5-10. Please amend Claims 1 and 3. Please add new Claims 11-12. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

1. (Currently Amended) An isolated Ma family polypeptide ~~, or a functional derivative or fragment thereof~~ comprising an amino acid sequence selected from the group consisting of: SEQ ID NO: 4, SEQ ID NO:7, SEQ ID NO:9, SEQ ID NO:11, and SEQ ID NO:13.
2. (Canceled)
3. (Currently Amended) An isolated fusion protein comprising a Ma family polypeptide, wherein the Ma family polypeptide comprises an amino acid sequence selected from the group consisting of: : SEQ ID NO: 4, SEQ ID NO:7, SEQ ID NO:9, SEQ ID NO:11, and SEQ ID NO:13.
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (New) An isolated Ma family peptide comprising an antigenic fragment of an amino acid sequence selected from the group consisting of: SEQ ID NO: 4, SEQ ID NO:7, SEQ ID NO:9, SEQ ID NO:11, and SEQ ID NO:13.

12. (New) An isolated fusion protein comprising an antigenic fragment of a Ma family polypeptide, wherein the Ma family polypeptide comprises an amino acid sequence selected from the group consisting of: : SEQ ID NO: 4, SEQ ID NO:7, SEQ ID NO:9, SEQ ID NO:11, and SEQ ID NO:13.